

 <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p>	<p><b>AMS02-PDS</b></p>	<p>DOC N°: PDS-RP-CGS-044</p> <p>ISSUE : 1      DATE: 25/07/2008</p> <p>PAGE : 1 of 1</p>
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## INSPECTION REPORT

<p>APPLICABLE DOC. REF.</p> <p>AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1</p>	<p>PROC. REF.</p> <p>N.A.</p>
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ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – Visual inspection of AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/014/C before partially conformal coating -- Inspection Point.

### REQUIREMENT SATISFIED

Manufacturing according to aerospace standards

INSPECTION (Action/Results)

### DESCRIPTION

Inspection was performed at Carlo Gavazzi Space premises starting on 25 July 2008 and was carried out on the following board before partially conformal coating applied only on one layer, detail of the inspected boards were below reported:

- 1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/014/C.

### HARDWARE REVIEW

1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/014/C, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.02 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.

The following PLVSS (Parts List Variation Sheet) were presented during the inspection:

- 11-AMS02PDS-740.02 rev / - A2 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A9 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A13 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A14 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A15 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A18 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A20 can be considered closed.

The following NCRs were presented during the inspection:

- NCR-PDS-CGS-C-040(electrical connection missing), NCR classified "minor" is closed.
- NCR-PDS-CGS-C-042(OVC protection improvement), NCR classified "minor" is closed.

The H/W has been visually inspected and is ok:no damage, visible clean is ok.

### CONCLUSION

All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08A and ECSS-Q-70-38A, all modifications are performed according to ECSS-Q-70-28A.

Operator	Quality Assurance	C.C.
Signature	E. FRANCINI	G. CINQUEPACCHI
Date	25/07/08	25/07/08